

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10/20/1981	
Company Canoas Inc.		Location New	
Field Baldwin Picture 6444		Unit O	
Completion Date 9/22/81		Total Tests 2399	
Plug Back TD 6670		Elevation 6670	
Well No. C-12		Farm or Lease Name A & J Apache	
Perforations: From 2243 To 2253		Unit Sec. Twp. Rge. O 3 23N 5W	
Perforations: From To		County Rio Arriba	
Type Well - Single - Broadhead - G.G. or G.O. Multiple Single - Gas		State New Mexico	
Producing Thru Tubing		Reservoir Temp. °F 86 @ 2215	
Mean Annual Temp. °F 55°		Baro. Press. - P _a 12.2	
L H Gg 2227 2227 .650		% CO ₂ % N ₂ % H ₂ S	
Prover 3/4"		Meter Run Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	55.7 DAYS						415 #		416 #		S.I.
1.	3/4" Prover						12 #	55°	112 #		
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.634		24.2	1.025	1.242	N/A	289.6
2							
3							
4							
5							

NO.	P _t	Temp. °R	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature	Mcft/bbl.	Deg.
1										XXXXXX	XXXXXX
2											
3											
4											
5											

NO.	P _t	P _w	P _w ²	P _c ² - P _w ²
1	525.64	71.303	5084.2	172371
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2025$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1526$

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 333.792$

Absolute Open Flow	333.8	Mcfd @ 15.025	Angle of Slope °	Slope, n .75
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Remarks:

Approved By Commission:	Conducted By: R.A. Farmer	Calculated By: R.A. Farmer	Checked By: E.A. Hunt
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